

APPENDIX E
FUEL REDUCTION TREATMENTS

SILVICULTURAL TREATMENT DESCRIPTION

Unit by unit treatment descriptions of fuel reduction activities described in the following section of this appendix. Guidelines for coarse woody debris, snag and green tree retention as described in Appendix F would be followed within each unit. Each alternative would utilize these similar silvicultural prescriptions and logging systems, treating a different number of acres (FEIS, Table II-1). Treatments of activity-generated-fuels (woody material including limbs and tops left after treatment) are also described. These silvicultural prescriptions and activity-generated-fuels treatments provide a mechanism to reduce forest fuels (ladder fuels) and tree densities in the Red River watershed. Treatments would remove dead or green trees that could contribute to higher fire intensity and severity of a future wildfire.

Clearcut. For the purpose of this project, the term clearcut implies removal of up to 90% of the tree canopy in a stand (the amount of ground covered by the tree crown). This differs from the conventional definition of harvesting all trees at one time. The area harvested may be a patch, stand, or strip large enough to be mapped or recorded as a separate age class in planning. Retained trees within a clearcut area will be a combination of individual trees, in clumps or patches (Appendix F). Tree regeneration is obtained through natural seeding, through planting, or by direct seeding. Within areas proposed for clearcut treatment approximately 75% of the trees that will be removed are currently dead.

Shelterwood or Irregular Shelterwood. For the purpose of this project, a shelterwood or irregular shelterwood cut is a treatment that removes up to 60% of the tree canopy in a stand. Tree canopy includes overstory and understory trees (dead or green). Up to 50% of the overstory tree canopy would be retained within a unit to provide shade and for other resource benefits. Trees retained include medium to large diameter trees (14 inches Dbh, or larger). This differs from the conventional definition of shelterwood cut which is the removal of a stand of trees through a series of cuttings designed to establish a new crop with seed and protection provided by a portion of the stand. For this proposal, a shelterwood cut is a single cut (entry) to reduce ladder fuels, allow natural regeneration (no planting), and provide protection by retained larger trees. An irregular shelterwood cut would retain more trees and have a patchy or irregular distribution and density of residual trees.

Precommercial thinning. The selective felling, deadening, or removal of trees in a young stand of trees primarily to accelerate diameter increment on the remaining stems, maintain a specific stocking range or reduce stand density, and improve the vigor and quality of the trees that remain. This treatment would retain approximately 400 to 600 trees per acre (most desirable species, ~10x10 foot spacing), and other trees would be cut and left in place. Trees cut will be young green trees that are approximately 10-15 years old (sapling to pole size, up to 8 inches Dbh).

Excavator pile (activity-generated fuels treatment). Excavator piling is a type of mechanical piling of vegetation as a fuel treatment. This would normally be accomplished on slopes less than 35%. Piles would subsequently be burned to reduce fuels.

Underburn (activity-generated fuels treatment). A type of broadcast burn designed to reduce fuel accumulations beneath an overstory tree canopy (natural stand, shelterwood, seed tree), and be designed to prepare the area for future tree regeneration (natural seeding or planted).

Broadcast Burn (activity-generated fuels treatment). Within a defined boundary, allowing a controlled fire to burn. The purpose is to reduce fuel accumulations, or as part of a silvicultural treatment, or both, and be designed to prepare the area for future tree regeneration (natural seeding or planted).

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UNIT BY UNIT TREATMENT DESCRIPTION

Table E1-1 through E1-3 display the silvicultural treatment, harvest system, activity-generated fuels treatment, unit acres and percent canopy removal by unit for each alternative. A description of the silvicultural treatment follows the tables.

Table E1-1: Alternative B

Unit	Silvicultural Treatment	Harvest System	Activity-Generated Fuel Treatment	Acres	%Canopy Removal
1	Irregular Shelterwood	Skyline	Underburn	21	60
2	Irregular Shelterwood	Skyline	Underburn	25	60
3	Irregular Shelterwood	Skyline	Underburn	117	50
4	Irregular Shelterwood	Tractor	Ex. Pile	13	50
5	Irregular Shelterwood	Skyline	Underburn	14	50
6	Irregular Shelterwood	Skyline	Underburn	18	60
7	Irregular Shelterwood	Skyline	Underburn	24	60
8	Irregular Shelterwood	Skyline	Underburn	48	60
9	Irregular Shelterwood	Skyline	Underburn	4	50
10	Irregular Shelterwood	Skyline	Underburn	21	50
11	Clearcut	Tractor	Ex. Pile	18	90
12	Clearcut	Skyline	Broadcast	131	90
13	Clearcut	Skyline	Broadcast	60	90
14	Precommercial Thin	Hand	Handpile	53	10
15	Irregular Shelterwood	Tractor	Ex. Pile	24	60
16	Precommercial Thin	Hand	Handpile	20	10
17	Precommercial Thin	Hand	Handpile	14	10
18	Irregular Shelterwood	Tractor	Ex. Pile	15	50
19	Precommercial Thin	Hand	Handpile	28	10
20	Precommercial Thin	Hand	Underburn	32	10
21	Shelterwood	Skyline	Underburn	68	60
22	Shelterwood	Skyline	Underburn	43	60
24	Irregular Shelterwood	Skyline	Underburn	22	50
25	Irregular Shelterwood	Skyline	Underburn	12	50
26	Shelterwood	Skyline	Underburn	17	60
27	Shelterwood	Skyline	Underburn	47	60
28	Shelterwood	Skyline	Underburn	2	60
29	Shelterwood	Skyline	Underburn	15	60
30	Shelterwood	Skyline	Underburn	4	60
31	Precommercial Thin	Hand	Handpile	18	10
32	Clearcut	Tractor	Ex. Pile	33	90
33	Clearcut	Skyline	Broadcast	22	90
34	Clearcut	Skyline	Broadcast	8	90
35	Irregular Shelterwood	Skyline	Underburn	6	50
36	Irregular Shelterwood	Tractor	Ex. Pile	9	50
37	Irregular Shelterwood	Tractor	Underburn	7	50
38	Irregular Shelterwood	Skyline	Underburn	15	50
39	Irregular Shelterwood	Skyline	Underburn	43	50
40	Shelterwood	Skyline	Underburn	13	60

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Unit	Silvicultural Treatment	Harvest System	Activity-Generated Fuel Treatment	Acres	%Canopy Removal
41	Shelterwood	Tractor	Ex. Pile	28	60
42	Shelterwood	Skyline	Underburn	29	60
43	Shelterwood	Tractor	Ex. Pile	6	60
44	Shelterwood	Tractor	Ex. Pile	17	60
45	Clearcut	Tractor	Ex. Pile	57	90
46	Shelterwood	Skyline	Underburn	245	60
47	Irregular Shelterwood	Tractor	Ex. Pile	48	60
48	Shelterwood	Skyline	Underburn	6	60
49	Clearcut	Skyline	Broadcast	55	90
50	Clearcut	Skyline	Broadcast	12	90
51	Clearcut	Skyline	Broadcast	43	90
52	Clearcut	Tractor	Ex. Pile	26	90
53	Clearcut	Skyline	Broadcast	31	90
54	Shelterwood	Skyline	Underburn	7	60
55	Shelterwood	Skyline	Underburn	50	60
56	Shelterwood	Skyline	Underburn	11	60
57	Shelterwood	Skyline	Underburn	21	60
58	Shelterwood	Skyline	Underburn	50	60
59	Shelterwood	Skyline	Underburn	15	60
60	Shelterwood	Skyline	Underburn	26	60
61	Shelterwood	Tractor	Ex. Pile	19	60
62	Shelterwood	Skyline	Underburn	77	60
63	Clearcut	Skyline	Broadcast	28	90
64	Clearcut	Skyline	Broadcast	114	90
65	Clearcut	Tractor	Ex. Pile	41	90
66	Clearcut	Tractor	Ex. Pile	84	90
67	Clearcut	Skyline	Broadcast	46	90
68	Clearcut	Tractor	Ex. Pile	51	90
69	Shelterwood	Skyline	Underburn	86	60
70	Shelterwood	Tractor	Ex. Pile	311	60
71	Irregular Shelterwood	Skyline	Underburn	49	60
72	Clearcut	Tractor	Ex. Pile	48	90
73	Shelterwood	Tractor	Ex. Pile	14	60
74	Shelterwood	Tractor	Ex. Pile	14	60
75	Clearcut/Shelterwood	Skyline	Underburn	375	70
76	Irregular Shelterwood	Skyline	Underburn	169	60
77	Clearcut	Tractor	Ex. Pile	84	90
78	Clearcut	Tractor	Ex. Pile	29	90
79	Irregular Shelterwood	Skyline	Underburn	135	60
80	Shelterwood	Tractor	Ex. Pile	86	80
81	Shelterwood	Tractor	Ex. Pile	16	50
82	Irregular Shelterwood	Skyline	Underburn	46	50
83	Irregular Shelterwood	Skyline	Underburn	185	50
84	Clearcut	Tractor	Ex. Pile	137	90
85	Irregular Shelterwood	Skyline	Underburn	107	50
86	Clearcut	Tractor	Ex. Pile	60	90

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Unit	Silvicultural Treatment	Harvest System	Activity-Generated Fuel Treatment	Acres	%Canopy Removal
87	Irregular Shelterwood	Skyline	Underburn	94	50
88	Irregular Shelterwood	Skyline	Underburn	72	50
89	Clearcut	Tractor	Ex. Pile	120	90
90	Shelterwood	Skyline	Underburn	30	60
91	Shelterwood	Tractor	Ex. Pile	15	60
92	Shelterwood	Tractor	Ex. Pile	13	90
93	Irregular Shelterwood	Tractor	Ex. Pile	9	35
94	Clearcut w/Reserves	Tractor	Ex. Pile	16	90
95	Clearcut w/Reserves	Skyline	Underburn	32	90
96	Irregular Shelterwood	Skyline	Underburn	6	50
97	Clearcut w/Reserves	Tractor	Ex. Pile	23	90
98	Irregular Shelterwood	Tractor	Ex. Pile	19	50
99	Clearcut w/Reserves	Tractor	Ex. Pile	23	90
100	Clearcut w/Reserves	Skyline	Underburn	3	90
101	Clearcut w/Reserves	Tractor	Ex. Pile	30	90
102	Clearcut w/Reserves	Skyline	Underburn	54	90
103	Clearcut w/Reserves	Tractor	Ex. Pile	19	90
104	Clearcut w/Reserves	Tractor	Ex. Pile	5	90
105	Clearcut w/Reserves	Skyline	Underburn	8	90
106	Irregular Shelterwood	Tractor	Ex. Pile	9	40
107	Irregular Shelterwood	Skyline	Underburn	38	35
108	Irregular Shelterwood	Skyline	Underburn	46	35
109	Irregular Shelterwood	Skyline	Underburn	37	50
110	Irregular Shelterwood	Tractor	Ex. Pile	33	50
111	Irregular Shelterwood	Skyline	Broadcast	11	60
112	Irregular Shelterwood	Tractor	Ex. Pile	22	60
113	Irregular Shelterwood	Tractor	Ex. Pile	10	50
114	Clearcut w/Reserves	Tractor	Ex. Pile	4	90
115	Clearcut w/Reserves	Tractor	Ex. Pile	6	90
116	Irregular Shelterwood	Skyline	Underburn	18	50
117	Irregular Shelterwood	Tractor	Ex. Pile	14	50
118	Clearcut w/Reserves	Tractor	Ex. Pile	12	90
119	Clearcut w/Reserves	Tractor	Ex. Pile	20	90
120	Irregular Shelterwood	Skyline	Underburn	7	35
121	Clearcut w/Reserves	Tractor	Ex. Pile	21	90
122	Clearcut w/Reserves	Tractor	Ex. Pile	9	90
123	Clearcut w/Reserves	Skyline	Underburn	11	60
124	Irregular Shelterwood	Tractor	Ex. Pile	6	35
125	Clearcut w/Reserves	Skyline	Underburn	23	90
126	Irregular Shelterwood	Skyline	Underburn	58	35
127	Clearcut w/Reserves	Tractor	Ex. Pile	15	90
128	Irregular Shelterwood	Tractor	Ex. Pile	20	35
129	Clearcut w/Reserves	Tractor	Underburn	13	90
130	Clearcut w/Reserves	Tractor	Underburn	39	90
131	Irregular Shelterwood	Tractor	Ex. Pile	21	50
132	Irregular Shelterwood	Tractor	Ex. Pile	5	90

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Unit	Silvicultural Treatment	Harvest System	Activity-Generated Fuel Treatment	Acres	%Canopy Removal
133	Clearcut w/Reserves	Tractor	Ex. Pile	7	90
134	Clearcut w/Reserves	Tractor	Ex. Pile	18	90
135	Irregular Shelterwood	Skyline	Underburn	25	50
136	Irregular Shelterwood	Skyline	Underburn	82	50
137	Irregular Shelterwood	Skyline	Underburn	17	50
138	Irregular Shelterwood	Tractor	Ex. Pile	4	50
139	Irregular Shelterwood	Tractor	Ex. Pile	11	50
141	Clearcut w/Reserves	Tractor	Ex. Pile	54	90
142	Clearcut w/Reserves	Skyline	Underburn	39	90
143	Irregular Shelterwood	Tractor	Ex. Pile	22	35
144	Clearcut w/Reserves	Tractor	Ex. Pile	20	90
145	Clearcut w/Reserves	Tractor	Ex. Pile	6	90
146	Irregular Shelterwood	Tractor	Ex. Pile	11	35
147	Irregular Shelterwood	Tractor	Ex. Pile	11	50
148	Irregular Shelterwood	Skyline	Underburn	5	50
149	Irregular Shelterwood	Tractor	Ex. Pile	33	60
150	Irregular Shelterwood	Tractor	Underburn	10	60
151	Irregular Shelterwood	Skyline	Underburn	10	35
152	Clearcut w/Reserves	Skyline	Underburn	15	60
153	Clearcut w/Reserves	Skyline	Underburn	41	90
154	Clearcut w/Reserves	Tractor	Ex. Pile	48	90
155	Clearcut w/Reserves	Skyline	Underburn	26	90
156	Clearcut w/Reserves	Tractor	Underburn	32	90
157	Clearcut w/Reserves	Skyline	Underburn	53	90
158	Clearcut w/Reserves	Skyline	Underburn	24	90
159	Clearcut w/Reserves	Tractor	Ex. Pile	17	90
160	Clearcut w/Reserves	Skyline	Underburn	25	90
161	Irregular Shelterwood	Skyline	Underburn	21	50
162	Clearcut w/Reserves	Skyline	Underburn	16	90
163	Clearcut w/Reserves	Skyline	Underburn	44	90
164	Clearcut w/Reserves	Tractor	Ex. Pile	9	90
165	Irregular Shelterwood	Skyline	Underburn	32	50
166	Clearcut w/Reserves	Tractor	Ex. Pile	19	90
167	Clearcut w/Reserves	Skyline	Underburn	26	90
168	Clearcut w/Reserves	Tractor	Ex. Pile	26	90
169	Clearcut w/Reserves	Skyline	Underburn	18	50
170	Irregular Shelterwood	Skyline	Underburn	4	35
171	Clearcut w/Reserves	Tractor	Ex. Pile	1	90
172	Clearcut w/Reserves	Skyline	Underburn	24	90
173	Irregular Shelterwood	Tractor	Underburn	19	35
174	Clearcut w/Reserves	Tractor	Underburn	16	90
175	Clearcut w/Reserves	Skyline	Underburn	21	90
176	Clearcut w/Reserves	Tractor	Ex. Pile	9	90
177	Irregular Shelterwood	Tractor	Ex. Pile	5	50
178	Irregular Shelterwood	Skyline	Underburn	42	35
179	Irregular Shelterwood	Tractor	Ex. Pile	4	50

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Unit	Silvicultural Treatment	Harvest System	Activity-Generated Fuel Treatment	Acres	%Canopy Removal
180	Irregular Shelterwood	Tractor	Ex. Pile	2	50
181	Clearcut w/Reserves	Skyline	Underburn	1	90
183	Irregular Shelterwood	Tractor	Ex. Pile	21	10
184	Irregular Shelterwood	Tractor	Ex. Pile	1	35
185	Irregular Shelterwood	Tractor	Ex. Pile	3	80
Total Acres Alternative B Fuel Reduction Treatment				6467	

Table E1-2: Alternative C

Unit	Silvicultural Treatment	Harvest System	Activity-Generated Fuels Treatment	Acres	%Canopy Rem
1	Irregular Shelterwood	Skyline	Underburn	4	60
2	Irregular Shelterwood	Skyline	Underburn	21	60
3	Irregular Shelterwood	Skyline	Underburn	98	50
4	Irregular Shelterwood	Tractor	Ex. Pile	12	50
5	Irregular Shelterwood	Skyline	Underburn	4	50
6	Irregular Shelterwood	Skyline	Underburn	12	60
7	Irregular Shelterwood	Skyline	Underburn	24	60
8	Irregular Shelterwood	Skyline	Underburn	42	60
9	Irregular Shelterwood	Skyline	Underburn	4	50
10	Irregular Shelterwood	Skyline	Underburn	5	50
11	Clearcut	Tractor	Ex. Pile	18	90
12	Clearcut	Skyline	Broadcast	71	90
13	Clearcut	Skyline	Broadcast	37	90
14	Precommercial Thin	Hand	Handpile	34	10
15	Irregular Shelterwood	Tractor	Ex. Pile	17	60
16	Precommercial Thin	Hand	Handpile	18	10
17	Precommercial Thin	Hand	Handpile	10	10
18	Irregular Shelterwood	Tractor	Ex. Pile	11	50
19	Precommercial Thin	Hand	Handpile	19	10
20	Precommercial Thin	Hand	Underburn	25	10
21	Shelterwood	Skyline	Underburn	43	60
22	Shelterwood	Skyline	Underburn	35	60
24	Irregular Shelterwood	Skyline	Underburn	17	50
25	Irregular Shelterwood	Skyline	Underburn	4	50
26	Shelterwood	Skyline	Underburn	17	60
27	Shelterwood	Skyline	Underburn	39	60
28	Shelterwood	Skyline	Underburn	2	60
29	Shelterwood	Skyline	Underburn	12	60
30	Shelterwood	Skyline	Underburn	3	60
31	Precommercial Thin	Hand	Handpile	14	10
32	Clearcut	Tractor	Ex. Pile	33	90
33	Clearcut	Skyline	Broadcast	15	90
34	Clearcut	Skyline	Broadcast	4	90
35	Irregular Shelterwood	Skyline	Underburn	5	50

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Unit	Silvicultural Treatment	Harvest System	Activity-Generated Fuels Treatment	Acres	%Canopy Rem
36	Irregular Shelterwood	Tractor	Ex. Pile	9	50
37	Irregular Shelterwood	Tractor	Underburn	7	50
38	Irregular Shelterwood	Skyline	Underburn	11	50
39	Irregular Shelterwood	Skyline	Underburn	8	50
40	Shelterwood	Skyline	Underburn	2	60
41	Shelterwood	Tractor	Ex. Pile	18	60
42	Shelterwood	Skyline	Underburn	11	60
43	Shelterwood	Tractor	Ex. Pile	5	60
44	Shelterwood	Tractor	Ex. Pile	13	60
45	Clearcut	Tractor	Ex. Pile	53	90
46	Shelterwood	Skyline	Underburn	166	60
47	Irregular Shelterwood	Tractor	Ex. Pile	25	60
48	Shelterwood	Skyline	Underburn	4	60
49	Clearcut	Skyline	Broadcast	32	90
50	Clearcut	Skyline	Broadcast	9	90
51	Clearcut	Skyline	Broadcast	25	90
52	Clearcut	Tractor	Ex. Pile	25	90
53	Clearcut	Skyline	Broadcast	26	90
54	Shelterwood	Skyline	Underburn	3	60
55	Shelterwood	Skyline	Underburn	19	60
56	Shelterwood	Skyline	Underburn	6	60
57	Shelterwood	Skyline	Underburn	11	60
58	Shelterwood	Skyline	Underburn	38	60
59	Shelterwood	Skyline	Underburn	12	60
60	Shelterwood	Skyline	Underburn	13	60
61	Shelterwood	Tractor	Ex. Pile	19	60
62	Shelterwood	Skyline	Underburn	63	60
63	Clearcut	Skyline	Broadcast	16	90
64	Clearcut	Skyline	Broadcast	72	90
65	Clearcut	Tractor	Ex. Pile	39	90
66	Clearcut	Tractor	Ex. Pile	70	90
67	Clearcut	Skyline	Broadcast	32	90
68	Clearcut	Tractor	Ex. Pile	38	90
69	Shelterwood	Skyline	Underburn	42	60
70	Shelterwood	Tractor	Ex. Pile	229	60
71	Irregular Shelterwood	Skyline	Underburn	32	60
72	Clearcut	Tractor	Ex. Pile	12	90
74	Shelterwood	Tractor	Ex. Pile	14	60
75	Clearcut/Shelterwood	Skyline	Underburn	290	70
76	Irregular Shelterwood	Skyline	Underburn	151	60
77	Clearcut	Tractor	Ex. Pile	76	90
78	Clearcut	Tractor	Ex. Pile	29	90
79	Irregular Shelterwood	Skyline	Underburn	84	60
80	Shelterwood	Tractor	Ex. Pile	83	80
81	Shelterwood	Tractor	Ex. Pile	10	50
82	Irregular Shelterwood	Skyline	Underburn	26	50

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Unit	Silvicultural Treatment	Harvest System	Activity-Generated Fuels Treatment	Acres	%Canopy Rem
83	Irregular Shelterwood	Skyline	Underburn	113	50
84	Clearcut	Tractor	Ex. Pile	122	90
85	Irregular Shelterwood	Skyline	Underburn	82	50
86	Clearcut	Tractor	Ex. Pile	53	90
87	Irregular Shelterwood	Skyline	Underburn	67	50
88	Irregular Shelterwood	Skyline	Underburn	58	50
89	Clearcut	Tractor	Ex. Pile	100	90
90	Shelterwood	Skyline	Underburn	20	60
91	Shelterwood	Tractor	Ex. Pile	14	60
92	Shelterwood	Tractor	Ex. Pile	13	90
93	Irregular Shelterwood	Tractor	Ex. Pile	9	35
94	Clearcut w/Reserves	Tractor	Ex. Pile	16	90
95	Clearcut w/Reserves	Skyline	Underburn	32	90
96	Irregular Shelterwood	Skyline	Underburn	6	50
97	Clearcut w/Reserves	Tractor	Ex. Pile	23	90
98	Irregular Shelterwood	Tractor	Ex. Pile	19	50
99	Clearcut w/Reserves	Tractor	Ex. Pile	23	90
100	Clearcut w/Reserves	Skyline	Underburn	3	90
101	Clearcut w/Reserves	Tractor	Ex. Pile	30	90
102	Clearcut w/Reserves	Skyline	Underburn	54	90
103	Clearcut w/Reserves	Tractor	Ex. Pile	19	90
104	Clearcut w/Reserves	Tractor	Ex. Pile	5	90
105	Clearcut w/Reserves	Skyline	Underburn	8	90
106	Irregular Shelterwood	Tractor	Ex. Pile	9	40
107	Irregular Shelterwood	Skyline	Underburn	38	35
108	Irregular Shelterwood	Skyline	Underburn	46	35
109	Irregular Shelterwood	Skyline	Underburn	37	50
110	Irregular Shelterwood	Tractor	Ex. Pile	33	50
111	Irregular Shelterwood	Skyline	Broadcast	11	60
112	Irregular Shelterwood	Tractor	Ex. Pile	22	60
113	Irregular Shelterwood	Tractor	Ex. Pile	10	50
114	Clearcut w/Reserves	Tractor	Ex. Pile	4	90
115	Clearcut w/Reserves	Tractor	Ex. Pile	6	90
116	Irregular Shelterwood	Skyline	Underburn	18	50
117	Irregular Shelterwood	Tractor	Ex. Pile	14	50
118	Clearcut w/Reserves	Tractor	Ex. Pile	12	90
119	Clearcut w/Reserves	Tractor	Ex. Pile	20	90
120	Irregular Shelterwood	Skyline	Underburn	7	35
121	Clearcut w/Reserves	Tractor	Ex. Pile	21	90
122	Clearcut w/Reserves	Tractor	Ex. Pile	9	90
123	Clearcut w/Reserves	Skyline	Underburn	11	60
124	Irregular Shelterwood	Tractor	Ex. Pile	6	35
125	Clearcut w/Reserves	Skyline	Underburn	23	90
126	Irregular Shelterwood	Skyline	Underburn	58	35
127	Clearcut w/Reserves	Tractor	Ex. Pile	15	90
128	Irregular Shelterwood	Tractor	Ex. Pile	20	35

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Unit	Silvicultural Treatment	Harvest System	Activity-Generated Fuels Treatment	Acres	%Canopy Rem
129	Clearcut w/Reserves	Tractor	Underburn	13	90
130	Clearcut w/Reserves	Tractor	Underburn	39	90
131	Irregular Shelterwood	Tractor	Ex. Pile	21	50
132	Irregular Shelterwood	Tractor	Ex. Pile	5	90
133	Clearcut w/Reserves	Tractor	Ex. Pile	7	90
134	Clearcut w/Reserves	Tractor	Ex. Pile	18	90
135	Irregular Shelterwood	Skyline	Underburn	25	50
136	Irregular Shelterwood	Skyline	Underburn	82	50
137	Irregular Shelterwood	Skyline	Underburn	17	50
138	Irregular Shelterwood	Tractor	Ex. Pile	4	50
139	Irregular Shelterwood	Tractor	Ex. Pile	11	50
141	Clearcut w/Reserves	Tractor	Ex. Pile	54	90
142	Clearcut w/Reserves	Skyline	Underburn	39	90
143	Irregular Shelterwood	Tractor	Ex. Pile	22	35
144	Clearcut w/Reserves	Tractor	Ex. Pile	20	90
145	Clearcut w/Reserves	Tractor	Ex. Pile	6	90
146	Irregular Shelterwood	Tractor	Ex. Pile	11	35
147	Irregular Shelterwood	Tractor	Ex. Pile	11	50
148	Irregular Shelterwood	Skyline	Underburn	5	50
149	Irregular Shelterwood	Tractor	Ex. Pile	33	60
150	Irregular Shelterwood	Tractor	Underburn	10	60
151	Irregular Shelterwood	Skyline	Underburn	10	35
152	Clearcut w/Reserves	Skyline	Underburn	15	60
153	Clearcut w/Reserves	Skyline	Underburn	41	90
154	Clearcut w/Reserves	Tractor	Ex. Pile	48	90
155	Clearcut w/Reserves	Skyline	Underburn	26	90
156	Clearcut w/Reserves	Tractor	Underburn	32	90
157	Clearcut w/Reserves	Skyline	Underburn	53	90
158	Clearcut w/Reserves	Skyline	Underburn	24	90
159	Clearcut w/Reserves	Tractor	Ex. Pile	17	90
160	Clearcut w/Reserves	Skyline	Underburn	25	90
161	Irregular Shelterwood	Skyline	Underburn	21	50
162	Clearcut w/Reserves	Skyline	Underburn	16	90
163	Clearcut w/Reserves	Skyline	Underburn	44	90
164	Clearcut w/Reserves	Tractor	Ex. Pile	9	90
165	Irregular Shelterwood	Skyline	Underburn	32	50
166	Clearcut w/Reserves	Tractor	Ex. Pile	19	90
167	Clearcut w/Reserves	Skyline	Underburn	26	90
168	Clearcut w/Reserves	Tractor	Ex. Pile	26	90
169	Clearcut w/Reserves	Skyline	Underburn	18	50
170	Irregular Shelterwood	Skyline	Underburn	4	35
171	Clearcut w/Reserves	Tractor	Ex. Pile	1	90
172	Clearcut w/Reserves	Skyline	Underburn	24	90
173	Irregular Shelterwood	Tractor	Underburn	19	35
174	Clearcut w/Reserves	Tractor	Underburn	16	90
175	Clearcut w/Reserves	Skyline	Underburn	21	90

Appendix E – Fuel Reduction Treatments

Red Pines - Final Environmental Impact Statement

Unit	Silvicultural Treatment	Harvest System	Activity-Generated Fuels Treatment	Acres	%Canopy Rem
176	Clearcut w/Reserves	Tractor	Ex. Pile	9	90
177	Irregular Shelterwood	Tractor	Ex. Pile	5	50
178	Irregular Shelterwood	Skyline	Underburn	42	35
179	Irregular Shelterwood	Tractor	Ex. Pile	4	50
180	Irregular Shelterwood	Tractor	Ex. Pile	2	50
181	Clearcut w/Reserves	Skyline	Underburn	1	90
183	Irregular Shelterwood	Tractor	Ex. Pile	21	10
184	Irregular Shelterwood	Tractor	Ex. Pile	1	35
185	Irregular Shelterwood	Tractor	Ex. Pile	3	80
Total Acres Alternative C Fuel Reduction Treatment				5175	

Table E1-3: Alternative D

Unit	Silvicultural Treatment	Harvest System	Activity-Generated Fuels Treatment	Acres	% Canopy Removal
1	Irregular Shelterwood	Skyline	Underburn	4	60
2	Irregular Shelterwood	Skyline	Underburn	21	60
3	Irregular Shelterwood	Skyline	Underburn	98	50
4	Irregular Shelterwood	Tractor	Ex. Pile	12	50
5	Irregular Shelterwood	Skyline	Underburn	4	50
6	Irregular Shelterwood	Skyline	Underburn	12	60
7	Irregular Shelterwood	Skyline	Underburn	24	60
8	Irregular Shelterwood	Skyline	Underburn	42	60
9	Irregular Shelterwood	Skyline	Underburn	4	50
10	Irregular Shelterwood	Skyline	Underburn	5	50
11	Clearcut	Tractor	Ex. Pile	18	90
12	Clearcut	Skyline	Broadcast	66	90
13	Clearcut	Skyline	Broadcast	37	90
15	Irregular Shelterwood	Tractor	Ex. Pile	17	60
16	Precommercial Thin	Hand	Handpile	18	10
17	Precommercial Thin	Hand	Handpile	10	10
22	Shelterwood	Skyline	Underburn	35	60
24	Irregular Shelterwood	Skyline	Underburn	17	50
26	Shelterwood	Skyline	Underburn	17	60
27	Shelterwood	Skyline	Underburn	39	60
28	Shelterwood	Skyline	Underburn	2	60
29	Shelterwood	Skyline	Underburn	12	60
30	Shelterwood	Skyline	Underburn	3	60
31	Precommercial Thin	Hand	Handpile	14	10
32	Clearcut	Tractor	Ex. Pile	33	90
33	Clearcut	Skyline	Broadcast	15	90
35	Irregular Shelterwood	Skyline	Underburn	5	50
36	Irregular Shelterwood	Tractor	Ex. Pile	9	50
37	Irregular Shelterwood	Tractor	Underburn	7	50
38	Irregular Shelterwood	Skyline	Underburn	11	50

Red Pines - Final Environmental Impact Statement

Unit	Silvicultural Treatment	Harvest System	Activity-Generated Fuels Treatment	Acres	% Canopy Removal
42	Shelterwood	Skyline	Underburn	9	60
43	Shelterwood	Tractor	Ex. Pile	5	60
44	Shelterwood	Tractor	Ex. Pile	13	60
45	Clearcut	Tractor	Ex. Pile	53	90
46	Shelterwood	Skyline	Underburn	166	60
48	Shelterwood	Skyline	Underburn	4	60
49	Clearcut	Skyline	Broadcast	32	90
50	Clearcut	Skyline	Broadcast	9	90
51	Clearcut	Skyline	Broadcast	25	90
52	Clearcut	Tractor	Ex. Pile	25	90
53	Clearcut	Skyline	Broadcast	26	90
54	Shelterwood	Skyline	Underburn	3	60
55	Shelterwood	Skyline	Underburn	19	60
56	Shelterwood	Skyline	Underburn	6	60
57	Shelterwood	Skyline	Underburn	11	60
58	Shelterwood	Skyline	Underburn	38	60
59	Shelterwood	Skyline	Underburn	10	60
60	Shelterwood	Skyline	Underburn	13	60
61	Shelterwood	Tractor	Ex. Pile	19	60
62	Shelterwood	Skyline	Underburn	55	60
70	Shelterwood	Tractor	Ex. Pile	174	60
71	Irregular Shelterwood	Skyline	Underburn	32	60
72	Clearcut	Tractor	Ex. Pile	12	90
74	Shelterwood	Tractor	Ex. Pile	14	60
75	Shelterwood	Skyline	Underburn	72	70
76	Irregular Shelterwood	Skyline	Underburn	151	60
77	Clearcut	Tractor	Ex. Pile	76	90
78	Clearcut	Tractor	Ex. Pile	29	90
79	Irregular Shelterwood	Skyline	Underburn	84	60
80	Shelterwood	Tractor	Ex. Pile	83	80
81	Shelterwood	Tractor	Ex. Pile	10	50
82	Irregular Shelterwood	Skyline	Underburn	26	50
83	Irregular Shelterwood	Skyline	Underburn	113	50
84	Clearcut	Tractor	Ex. Pile	122	90
85	Irregular Shelterwood	Skyline	Underburn	82	50
86	Clearcut	Tractor	Ex. Pile	53	90
87	Irregular Shelterwood	Skyline	Underburn	67	50
88	Irregular Shelterwood	Skyline	Underburn	58	50
89	Clearcut	Tractor	Ex. Pile	100	90
90	Shelterwood	Skyline	Underburn	20	60
91	Shelterwood	Tractor	Ex. Pile	14	60
92	Shelterwood	Tractor	Ex. Pile	13	90
93	Irregular Shelterwood	Tractor	Ex. Pile	9	35
94	Clearcut w/Reserves	Tractor	Ex. Pile	16	90
95	Clearcut w/Reserves	Skyline	Underburn	32	90
96	Irregular Shelterwood	Skyline	Underburn	6	50

Appendix E – Fuel Reduction Treatments

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Unit	Silvicultural Treatment	Harvest System	Activity-Generated Fuels Treatment	Acres	% Canopy Removal
97	Clearcut w/Reserves	Tractor	Ex. Pile	23	90
98	Irregular Shelterwood	Tractor	Ex. Pile	19	50
99	Clearcut w/Reserves	Tractor	Ex. Pile	23	90
100	Clearcut w/Reserves	Skyline	Underburn	3	90
103	Clearcut w/Reserves	Tractor	Ex. Pile	19	90
104	Clearcut w/Reserves	Tractor	Ex. Pile	5	90
105	Clearcut w/Reserves	Skyline	Underburn	8	90
106	Irregular Shelterwood	Tractor	Ex. Pile	9	40
107	Irregular Shelterwood	Skyline	Underburn	38	35
108	Irregular Shelterwood	Skyline	Underburn	46	35
109	Irregular Shelterwood	Skyline	Underburn	3	50
111	Irregular Shelterwood	Skyline	Broadcast	11	60
112	Irregular Shelterwood	Tractor	Ex. Pile	23	60
113	Irregular Shelterwood	Tractor	Ex. Pile	10	50
114	Clearcut w/Reserves	Tractor	Ex. Pile	4	90
115	Clearcut w/Reserves	Tractor	Ex. Pile	6	90
116	Irregular Shelterwood	Skyline	Underburn	18	50
117	Irregular Shelterwood	Tractor	Ex. Pile	14	50
118	Clearcut w/Reserves	Tractor	Ex. Pile	12	90
119	Clearcut w/Reserves	Tractor	Ex. Pile	20	90
120	Irregular Shelterwood	Skyline	Underburn	8	35
121	Clearcut w/Reserves	Tractor	Ex. Pile	21	90
123	Clearcut w/Reserves	Skyline	Underburn	11	60
124	Irregular Shelterwood	Tractor	Ex. Pile	6	35
125	Clearcut w/Reserves	Skyline	Underburn	23	90
127	Clearcut w/Reserves	Tractor	Ex. Pile	15	90
128	Irregular Shelterwood	Tractor	Ex. Pile	20	35
129	Clearcut w/Reserves	Tractor	Underburn	13	90
131	Irregular Shelterwood	Tractor	Ex. Pile	21	50
132	Irregular Shelterwood	Tractor	Ex. Pile	5	90
133	Clearcut w/Reserves	Tractor	Ex. Pile	7	90
134	Clearcut w/Reserves	Tractor	Ex. Pile	18	90
135	Irregular Shelterwood	Skyline	Underburn	25	50
137	Irregular Shelterwood	Skyline	Underburn	17	50
138	Irregular Shelterwood	Tractor	Ex. Pile	4	50
139	Irregular Shelterwood	Tractor	Ex. Pile	11	50
141	Clearcut w/Reserves	Tractor	Ex. Pile	54	90
143	Irregular Shelterwood	Tractor	Ex. Pile	22	35
144	Clearcut w/Reserves	Tractor	Ex. Pile	20	90
145	Clearcut w/Reserves	Tractor	Ex. Pile	6	90
146	Irregular Shelterwood	Tractor	Ex. Pile	11	35
147	Irregular Shelterwood	Tractor	Ex. Pile	11	50
148	Irregular Shelterwood	Skyline	Underburn	5	50
149	Irregular Shelterwood	Tractor	Ex. Pile	33	60
150	Irregular Shelterwood	Tractor	Underburn	10	60
151	Irregular Shelterwood	Skyline	Underburn	10	35

Appendix E – Fuel Reduction Treatments

Red Pines - Final Environmental Impact Statement

Unit	Silvicultural Treatment	Harvest System	Activity-Generated Fuels Treatment	Acres	% Canopy Removal
152	Clearcut w/Reserves	Skyline	Underburn	15	60
153	Clearcut w/Reserves	Skyline	Underburn	41	90
154	Clearcut w/Reserves	Tractor	Ex. Pile	48	90
155	Clearcut w/Reserves	Skyline	Underburn	26	90
156	Clearcut w/Reserves	Tractor	Underburn	32	90
157	Clearcut w/Reserves	Skyline	Underburn	53	90
158	Clearcut w/Reserves	Skyline	Underburn	24	90
159	Clearcut w/Reserves	Tractor	Ex. Pile	17	90
160	Clearcut w/Reserves	Skyline	Underburn	25	90
161	Irregular Shelterwood	Skyline	Underburn	21	50
162	Clearcut w/Reserves	Skyline	Underburn	16	90
163	Clearcut w/Reserves	Skyline	Underburn	44	90
164	Clearcut w/Reserves	Tractor	Ex. Pile	9	90
165	Irregular Shelterwood	Skyline	Underburn	32	50
166	Clearcut w/Reserves	Tractor	Ex. Pile	19	90
167	Clearcut w/Reserves	Skyline	Underburn	26	90
168	Clearcut w/Reserves	Tractor	Ex. Pile	26	90
169	Clearcut w/Reserves	Skyline	Underburn	18	50
170	Irregular Shelterwood	Skyline	Underburn	4	35
171	Clearcut w/Reserves	Tractor	Ex. Pile	1	90
172	Clearcut w/Reserves	Skyline	Underburn	24	90
173	Irregular Shelterwood	Tractor	Underburn	19	35
174	Clearcut w/Reserves	Tractor	Underburn	16	90
176	Clearcut w/Reserves	Tractor	Ex. Pile	9	90
177	Irregular Shelterwood	Tractor	Ex. Pile	5	50
178	Irregular Shelterwood	Skyline	Underburn	42	35
179	Irregular Shelterwood	Tractor	Ex. Pile	4	50
180	Irregular Shelterwood	Tractor	Ex. Pile	2	50
181	Clearcut w/Reserves	Skyline	Underburn	1	90
183	Irregular Shelterwood	Tractor	Ex. Pile	21	10
184	Irregular Shelterwood	Tractor	Ex. Pile	1	35
185	Irregular Shelterwood	Tractor	Ex. Pile	3	80
Total Acres Alternative D Fuel Reduction Treatment				3985	

Table E1-4: Alternative E

Unit	Silvicultural Treatment	Harvest System	Activity-Generated Fuels Treatment	Acres	% Canopy Removal
1	Irregular Shelterwood	Skyline	Underburn	4	60
2	Irregular Shelterwood	Skyline	Underburn	21	60
3	Irregular Shelterwood	Skyline	Underburn	98	50
4	Irregular Shelterwood	Tractor	Ex. Pile	12	50
5	Irregular Shelterwood	Skyline	Underburn	4	50
6	Irregular Shelterwood	Skyline	Underburn	12	60
7	Irregular Shelterwood	Skyline	Underburn	24	60

Red Pines - Final Environmental Impact Statement

Unit	Silvicultural Treatment	Harvest System	Activity-Generated Fuels Treatment	Acres	% Canopy Removal
8	Irregular Shelterwood	Skyline	Underburn	40	60
9	Irregular Shelterwood	Skyline	Underburn	4	50
10	Irregular Shelterwood	Skyline	Underburn	5	50
11	Clearcut	Tractor	Ex. Pile	18	90
12	Clearcut	Skyline	Broadcast	66	90
13	Clearcut	Skyline	Broadcast	37	90
15	Irregular Shelterwood	Tractor	Ex. Pile	16	60
16	Precommercial Thin	Hand	Handpile	18	10
17	Precommercial Thin	Hand	Handpile	10	10
22	Shelterwood	Skyline	Underburn	35	60
24	Irregular Shelterwood	Skyline	Underburn	17	50
26	Clearcut	Skyline	Broadcast	17	60
27	Shelterwood	Skyline	Underburn	39	60
28	Shelterwood	Skyline	Underburn	2	60
29	Shelterwood	Skyline	Underburn	12	60
30	Shelterwood	Skyline	Underburn	3	60
31	Precommercial Thin	Hand	Handpile	14	10
32	Clearcut	Tractor	Ex. Pile	33	90
33	Clearcut	Skyline	Broadcast	15	90
35	Irregular Shelterwood	Skyline	Underburn	5	50
36	Irregular Shelterwood	Tractor	Ex. Pile	9	50
37	Irregular Shelterwood	Tractor	Underburn	7	50
38	Irregular Shelterwood	Skyline	Underburn	11	50
41	Shelterwood	Tractor	Ex. Pile	18	60
42	Shelterwood	Skyline	Underburn	9	60
43	Shelterwood	Tractor	Ex. Pile	5	60
44	Shelterwood	Tractor	Ex. Pile	13	60
45	Clearcut	Tractor	Ex. Pile	53	90
46	Shelterwood	Skyline	Underburn	166	60
48	Shelterwood	Skyline	Underburn	4	60
49	Clearcut	Skyline	Broadcast	32	90
50	Clearcut	Skyline	Broadcast	9	90
51	Clearcut	Skyline	Broadcast	25	90
52	Clearcut	Tractor	Ex. Pile	25	90
53	Clearcut	Skyline	Broadcast	26	90
54	Shelterwood	Skyline	Underburn	3	60
55	Shelterwood	Skyline	Underburn	19	60
56	Shelterwood	Skyline	Underburn	6	60
57	Shelterwood	Skyline	Underburn	11	60
58	Shelterwood	Skyline	Underburn	38	60
59	Shelterwood	Skyline	Underburn	10	60
60	Shelterwood	Skyline	Underburn	13	60
61	Shelterwood	Tractor	Ex. Pile	19	60
62	Shelterwood	Skyline	Underburn	55	60
70	Shelterwood	Tractor	Ex. Pile	161	60
72	Clearcut	Tractor	Ex. Pile	12	90

Appendix E – Fuel Reduction Treatments

Red Pines - Final Environmental Impact Statement

Unit	Silvicultural Treatment	Harvest System	Activity-Generated Fuels Treatment	Acres	% Canopy Removal
74	Shelterwood	Tractor	Ex. Pile	14	60
75	Shelterwood	Skyline	Underburn	72	70
77	Clearcut	Tractor	Ex. Pile	76	90
78	Clearcut	Tractor	Ex. Pile	29	90
79	Irregular Shelterwood	Skyline	Underburn	84	60
80	Shelterwood	Tractor	Ex. Pile	83	80
81	Shelterwood	Tractor	Ex. Pile	10	50
82	Irregular Shelterwood	Skyline	Underburn	26	50
83	Irregular Shelterwood	Skyline	Underburn	0.1	50
84	Clearcut	Tractor	Ex. Pile	122	90
85	Irregular Shelterwood	Skyline	Underburn	38	50
89	Clearcut	Tractor	Ex. Pile	100	90
90	Shelterwood	Skyline	Underburn	20	60
91	Shelterwood	Tractor	Ex. Pile	14	60
92	Shelterwood	Tractor	Ex. Pile	13	90
93	Irregular Shelterwood	Tractor	Ex. Pile	8	35
94	Clearcut w/Reserves	Tractor	Ex. Pile	16	90
95	Clearcut w/Reserves	Skyline	Underburn	30	90
96	Irregular Shelterwood	Skyline	Underburn	6	50
97	Clearcut w/Reserves	Tractor	Ex. Pile	23	90
98	Irregular Shelterwood	Tractor	Ex. Pile	18	50
99	Clearcut w/Reserves	Tractor	Ex. Pile	23	90
100	Clearcut w/Reserves	Skyline	Underburn	3	90
103	Clearcut w/Reserves	Tractor	Ex. Pile	19	90
104	Clearcut w/Reserves	Tractor	Ex. Pile	5	90
105	Clearcut w/Reserves	Skyline	Underburn	8	90
106	Irregular Shelterwood	Tractor	Ex. Pile	9	40
107	Irregular Shelterwood	Skyline	Underburn	36	35
108	Irregular Shelterwood	Skyline	Underburn	45	35
109	Irregular Shelterwood	Skyline	Underburn	3	50
111	Irregular Shelterwood	Skyline	Broadcast	11	60
112	Irregular Shelterwood	Tractor	Ex. Pile	23	60
113	Irregular Shelterwood	Tractor	Ex. Pile	9	50
114	Clearcut w/Reserves	Tractor	Ex. Pile	4	90
115	Clearcut w/Reserves	Tractor	Ex. Pile	6	90
116	Irregular Shelterwood	Skyline	Underburn	18	50
117	Irregular Shelterwood	Tractor	Ex. Pile	14	50
118	Clearcut w/Reserves	Tractor	Ex. Pile	11	90
119	Clearcut w/Reserves	Tractor	Ex. Pile	20	90
120	Irregular Shelterwood	Skyline	Underburn	8	35
121	Clearcut w/Reserves	Tractor	Ex. Pile	18	90
123	Clearcut w/Reserves	Skyline	Underburn	11	60
124	Irregular Shelterwood	Tractor	Ex. Pile	6	35
125	Clearcut w/Reserves	Skyline	Underburn	22	90
127	Clearcut w/Reserves	Tractor	Ex. Pile	15	90
128	Irregular Shelterwood	Tractor	Ex. Pile	20	35

Appendix E – Fuel Reduction Treatments

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Unit	Silvicultural Treatment	Harvest System	Activity-Generated Fuels Treatment	Acres	% Canopy Removal
129	Clearcut w/Reserves	Tractor	Underburn	13	90
131	Irregular Shelterwood	Tractor	Ex. Pile	21	50
132	Irregular Shelterwood	Tractor	Ex. Pile	5	90
133	Clearcut w/Reserves	Tractor	Ex. Pile	7	90
134	Clearcut w/Reserves	Tractor	Ex. Pile	18	90
135	Irregular Shelterwood	Skyline	Underburn	24	50
137	Irregular Shelterwood	Skyline	Underburn	16	50
138	Irregular Shelterwood	Tractor	Ex. Pile	5	50
139	Irregular Shelterwood	Tractor	Ex. Pile	11	50
141	Clearcut w/Reserves	Tractor	Ex. Pile	54	90
142	Clearcut w/Reserves	Tractor	Underburn	9	90
143	Irregular Shelterwood	Tractor	Ex. Pile	21	35
144	Clearcut w/Reserves	Tractor	Ex. Pile	20	90
145	Clearcut w/Reserves	Tractor	Ex. Pile	6	90
146	Irregular Shelterwood	Tractor	Ex. Pile	11	35
147	Irregular Shelterwood	Tractor	Ex. Pile	11	50
148	Irregular Shelterwood	Skyline	Underburn	5	50
149	Irregular Shelterwood	Tractor	Ex. Pile	33	60
150	Irregular Shelterwood	Tractor	Underburn	10	60
151	Irregular Shelterwood	Skyline	Underburn	10	35
152	Clearcut w/Reserves	Skyline	Underburn	14	60
153	Clearcut w/Reserves	Skyline	Underburn	41	90
154	Clearcut w/Reserves	Tractor	Ex. Pile	48	90
155	Clearcut w/Reserves	Skyline	Underburn	25	90
156	Clearcut w/Reserves	Tractor	Underburn	32	90
157	Clearcut w/Reserves	Skyline	Underburn	53	90
158	Clearcut w/Reserves	Skyline	Underburn	24	90
159	Clearcut w/Reserves	Tractor	Ex. Pile	17	90
160	Clearcut w/Reserves	Skyline	Underburn	24	90
161	Irregular Shelterwood	Skyline	Underburn	21	50
162	Clearcut w/Reserves	Skyline	Underburn	16	90
163	Clearcut w/Reserves	Skyline	Underburn	44	90
164	Clearcut w/Reserves	Tractor	Ex. Pile	9	90
165	Irregular Shelterwood	Skyline	Underburn	32	50
166	Clearcut w/Reserves	Tractor	Ex. Pile	18	90
167	Clearcut w/Reserves	Skyline	Underburn	25	90
168	Clearcut w/Reserves	Tractor	Ex. Pile	26	90
169	Clearcut w/Reserves	Skyline	Underburn	17	50
170	Irregular Shelterwood	Skyline	Underburn	3	35
171	Clearcut w/Reserves	Tractor	Ex. Pile	1	90
172	Clearcut w/Reserves	Skyline	Underburn	24	90
173	Irregular Shelterwood	Tractor	Underburn	19	35
174	Clearcut w/Reserves	Tractor	Underburn	16	90
176	Clearcut w/Reserves	Tractor	Ex. Pile	9	90
177	Irregular Shelterwood	Tractor	Ex. Pile	5	50
178	Irregular Shelterwood	Skyline	Underburn	42	35

Appendix E – Fuel Reduction Treatments

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Unit	Silvicultural Treatment	Harvest System	Activity-Generated Fuels Treatment	Acres	% Canopy Removal
179	Irregular Shelterwood	Tractor	Ex. Pile	4	50
180	Irregular Shelterwood	Tractor	Ex. Pile	2	50
181	Clearcut w/Reserves	Skyline	Underburn	1	90
183	Irregular Shelterwood	Tractor	Ex. Pile	21	10
184	Irregular Shelterwood	Tractor	Ex. Pile	1	35
185	Irregular Shelterwood	Tractor	Ex. Pile	3	80
Total Acres Alternative E Fuel Reduction Treatment				3455	

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